* Need to use tables to assign groupers in bulk, need member-level criteria to select table for lookup
* Hierarchies (some non-cyclical)
  + Enter strings of orderings
  + Create a forest to compile into post-hierarchy groupers
* Conditional member-level grouper assignment
* One-off multiple grouper assignments
  + Only dx as criteria and assign grouper
* Multiple model output
* Drill-down and report by HCC category
* Interaction terms using calculated groupers
* Hierarchies of interaction terms
* Diagnostic categories
* Assign age/gender band
  + Use findInterval
* Model changes by date
* Calculate age from DOB
* Separate scores matrix
* Medicare
  + 5 ESRD models
  + 1 RX model
  + 4 institutional / 1 Community model
  + New enrollees model
* Normalization factor
* Ability to construct own models
* Add MCE Edits

Evaluation matrix with HCCs as output

Optimize both risk adjuster definition and risk score evaluation

Abstraction:

* Grouper
* Bonus
* Exclusive Ordering

1. Have an expression, depending on member or claim-level fields, evaluate and assign to a single grouper or to a grouper lookup table
2. Apply Grouper Hierarchy
3. Apply interaction terms
4. Apply interaction hierarchy